

**In the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

- 1 1. (Currently Amended) An antenna comprising a conductive mast, a  
2 conductive block carried by said mast, said block having a plurality of  
3 bores therein, and conductive rods slidably received in at least some of  
4 said bores.
- 1 2. (Original) The antenna of claim 1 further comprising a passageway  
2 communicating with each said bore adapted to receive a set screw to  
3 hold said rods at a selected position within said bores.
- 1 3. (Original) The antenna of claim 1 wherein said block includes an  
2 additional bore to receive said mast and at least one passageway  
3 communicating with said additional bore adapted to receive a set screw  
4 to hold said block on said mast.
- 1 4. (Original) The antenna of claim 1 wherein said block is generally  
2 cylindrical.
- 1 5. (Original) The antenna of claim 4 wherein said bores extend generally  
2 chordally through said block.
- 1 6. (Currently Amended) ~~The~~ An antenna of claim 5 wherein each said bore  
2 forms comprising a mast, a generally cylindrical block carried by said  
3 mast, said block having a plurality of bores therein, and conductive rods  
4 slidably received in at least some of said bores; said bores extending  
5 generally chordally through said block and forming opposed apertures in  
6 said block, said apertures being approximately 120 degrees of each  
7 other.

- 1     7.     (Currently Amended) ~~The~~ An antenna of claim 5 wherein there is  
2           comprising a mast, a generally cylindrical block carried by said mast, said  
3           block having a first set of three axially spaced bores therein, and  
4           conductive rods slidably received in at least some of said bores.
- 1     8.     (Original) The antenna of claim 7 wherein there is a second set of three  
2           axially spaced bores, said bores of said second set each being axially  
3           spaced from an adjacent bore of said first set of bores.
- 1     9.     (Original) The antenna of claim 4 wherein said block includes an axial  
2           bore to receive said mast.
- 1     10.    (Original) The antenna of claim 1 further comprising a coil positioned on  
2           said mast.
- 1     11.    (Original) The antenna of claim 1 wherein each said bore forms opposed  
2           apertures in said block and said rods extend out of said apertures  
3           approximately an equal distance from said block.
- 1     12.    (Original) The antenna of claim 1 wherein each said bore forms opposed  
2           apertures in said block and said majority of the length of rods extend out  
3           of one of said apertures.
- 1     13.    (Original) A method of constructing an antenna having a mast carrying a  
2           coil and a plurality of rods comprising the steps of identifying a desired  
3           frequency of operation for the antenna, selecting the size of the coil and  
4           the configuration of the rods which will provide approximately the desired  
5           frequency, and constructing the antenna with the selected coil and rod  
6           configuration.

- 1 14. (Original) The method of claim 13 wherein the step of selecting includes  
2 the step of identifying the rod configuration which will provide  
3 approximately the desired frequency using the smallest coil.
- 1 15. (Original) The method of claim 13 wherein the step of selecting includes  
2 the step of selecting the number of rods in the configuration of rods.
- 1 16. (Original) The method of claim 15 wherein three rods or six rods can be  
2 selected.
- 1 17. (Original) The method of claim 13 wherein the step of selecting includes  
2 the step of selecting the position of the rods relative to the mast.
- 1 18. (Original) The method of claim 13 wherein the step of selecting includes  
2 the step of selecting the length of the rods.
- 1 19. (Original) The method of claim 18 wherein the step of selecting includes  
2 the step of selecting the number of rods in the configuration of rods.
- 1 20. (Original) The method of claim 19 wherein the step of selecting includes  
2 the step of selecting the position of the rods relative to the mast.
- 1 21. (Original) The method of claim 13 further comprising the step of adjusting  
2 the frequency of the antenna.
- 1 22. (Original) The method of claim 21 wherein the step of adjusting includes  
2 the step of adding a stinger to the antenna.
- 1 23. (Original) The method of claim 21 wherein the step of adjusting includes  
2 moving the rods relative to the mast.

- 1    24.    (Original) A method of constructing an antenna having a mast carrying a  
2           plurality of rods comprising the steps of selecting the number of rods,  
3           selecting the length of the rods, and determining the positioning of the  
4           rods relative to the mast.
- 1    25.    (Original) The method of claim 24 wherein the selecting and determining  
2           steps are dictated by the desired frequency of operation.
- 1    26.    (Original) The method of claim 25 further comprising the step of selecting  
2           a coil for the antenna based on selecting and determining steps.
- 1    27.    (Original) The method of claim 24 further comprising the step of adjusting  
2           the frequency of the antenna.
- 1    28.    (Original) The method of claim 27 wherein the step of adjusting includes  
2           the step of adding a stinger to the antenna.
- 1    29.    (Original) The method of claim 28 wherein the step of adjusting includes  
2           moving the rods relative to the mast.